

Amendments to the Specification:

Please amend page 6, line 17, as follows:

Figs. 15a and 15b and 15c are views illustrating states, in which a ball end mill machines concave stripes on a male rotor,

Please amend page 23, line 4, as follows:

As an example, in the finish working of a female rotor 6 having a diameter of about 120 mm, only a ball end mill having a diameter of $\phi 8$ was used to provide 194 concave stripes 6a having a depth (h) of 0.005 mm on respective screw grooves, while in the finish working of a male rotor 5 having a diameter of about 120 mm, while three ball end mills having diameters of $\phi 8$, $\phi 4$, $\phi 2$ were used to provide 287 concave stripes 5a having a depth (h) of 0.005 mm on respective screw grooves, and thus the concave stripes 5a having a small width were specifically provided at a small pitch P on bottoms of the respective screw grooves of the male rotor 5, as shown in Figure 15c.